

Claims

1. A self-expandable stent, comprising:

a coated primary unit having a hollow cylindrical body fabricated by knitting a shape-memory alloy wire to make a net structure having a plurality of diamond-shaped meshes, with both an enlarged diameter part formed at each end of the body and a coat layer formed on an external surface of the primary unit to externally cover a sidewall of the unit; and

an uncoated secondary unit surrounding the hollow cylindrical body of the coated primary unit, the secondary unit having a hollow cylindrical body fabricated by knitting a superelastic shape-memory alloy wire to make a net structure having a plurality of diamond-shaped meshes,

wherein the stent is prevented from being undesirably removed from a narrow or blocked target portion of the gullet having a lesion.